



Windows 10 Mobile (LUMIA)

Community Group

*We Challenge the Impossible!*

JOIN WITH US;

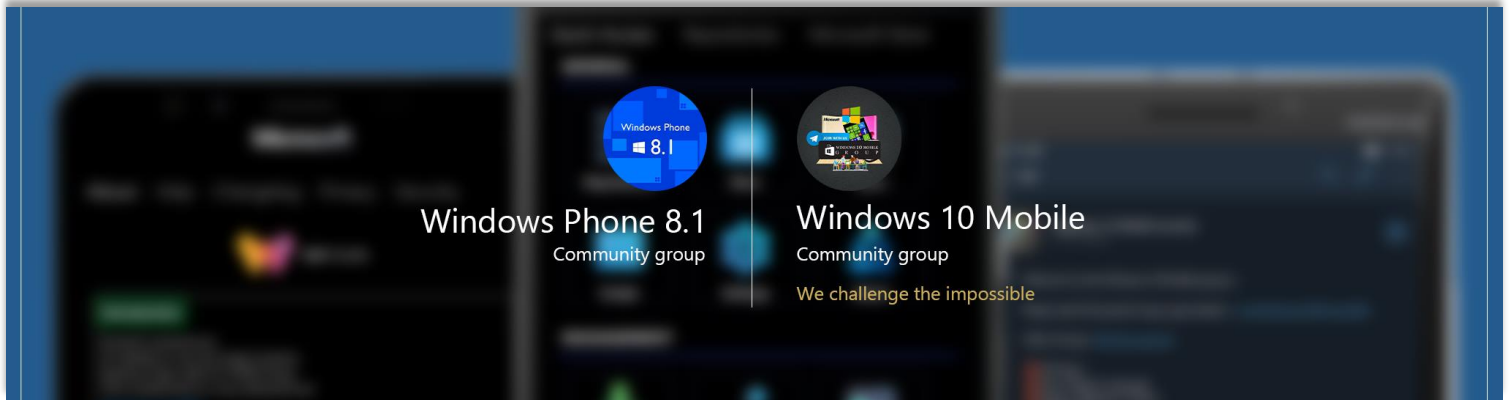


# HOW TO RESTORE TH GLANCE IN SUPPORTED DEVICES

COMPLETE GUIDE

## Requirements

- ❖ Supported Windows 10 Mobile device.



## W10M Group YouTube Channel



YOUTUBE

Apart from these documented Guides, we have started the roll up of Video Versions of each guide in our YouTube Channel.

Don't forget to **like** and **subscribe**!

## How to restore TH Glance in supported W10M Devices



YOUTUBE

If you prefer video guidance over this, then you can refer to this video version of the guide.

# HOW TO RESTORE TH GLANCE IN SUPPORTED W10M DEVICES

- > *What are X50 Lumia Devices?*
- > *Interop Unlock X50 Lumia Devices*
- > *Frequently Asked Questions (FAQ)*



## Table of Contents

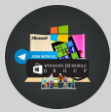
---

# RESTORE TH GLANCE

IN SUPPORTED DEVICES



1) <a href="#">Introduction</a>	<a href="#">Page 05</a>
2) <a href="#">Glance supported devices</a>	<a href="#">Page 06</a>
3) <a href="#">TH Glance features</a>	<a href="#">Page 07</a>
4) <a href="#">Preparations</a>	<a href="#">Page 08</a>
5) <a href="#">How to Install &amp; Enable TH Glance feature</a>	<a href="#">Page 09</a>
• <a href="#">Install TH Glance feature</a>	<a href="#">Page 10</a>
• <a href="#">Enable TH Glance feature</a>	<a href="#">Page 13</a>
• <a href="#">#FINISHING UP: Disable RS Glance</a>	<a href="#">Page 15</a>
6) <a href="#">How to customize TH Glance feature</a>	<a href="#">Page 16</a>
• <a href="#">Customize default TH Glance settings</a>	<a href="#">Page 17</a>
• <a href="#">Enabling Floating / Moving clock</a>	<a href="#">Page 18</a>



- [Configuring default Glance Font](#) [Page 20](#)
  
- [Setting Windows Phone 8.1 Glance font as default font](#) [Page 23](#)
  
- [Changing Glance color](#) [Page 26](#)
  
- [Changing Glance Night mode color](#) [Page 28](#)
  
- 7) [Frequently Asked questions \(FAQ\)](#) [Page 30](#)
  
- 8) [Credits](#) [Page 31](#)



## Introduction

---

*What is TH Glance?*

**Threshold (TH) Glance** is the glance service used in the first release builds of Windows 10 Mobile, namely *Threshold 1 & 2 builds (10.0.10XXX)*

Despite being old, *this glance service has many features which derived mainly from the Glance service in Windows Phone 8.1*

*Why restoring this old glance?*

Windows 10 Mobile Redstone 1 (1607) introduced a new glance service which is a successor to this TH Glance, and that was the **RS Glance** which is integrated to the OS completely unlike the old one; TH Glance.

While the goal was to make RS Glance more featurerich than TH Glance, sadly **it was not achieved due to Windows 10 Mobile being discontinued in 2017.**

So, eventhough being new, *RS Glance lacked many features TH Glance had, which is why having the old TH Glance back is worth it!*

*Requirements?*

Your **device must support Glance feature**, [Compatible devices list is below](#).

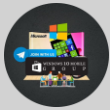
*(Device hardware must have support for TH Glance, Software alone isn't enough)*

Also the **device must be Interop Unlocked!**

*(Refer to our Interop Unlock guides to unlock your device)*

Plus, the **device must already run any Windows 10 Mobile build!**

*(Any build will do, even the latest 1709 build is supported)*



## Glance Supported Devices

---

For a device to be supported for the Glance feature, *both hardware & Software compatibility is needed.*

So, manually enabling Glance service in an un-supported device isn't doable and is not what we do in this guide!

Enough said; here's the complete list of Glance supported devices.

LUMIA SERIES	SUPPORTED MODELS
5XX Series	Lumia 550, 532
6XX Series	Lumia 620, 640, 640 XL, 650
7XX Series	Lumia 720
8XX Series	Lumia 820, 822, 830
9XX Series	Lumia 920, 925, 928, 950, 950 XL
1XXX Series	Lumia 1020, 1320, 1520

*(Not the traditional categorizing based on last two digits, but this is a little easier to track)*

**Glance service was always LUMIA Exclusive**, so unfortunately this **will not work in any NON-LUMIA Windows Phones either!**

**That said;**

If you *have any of the above devices and is running Windows 10 Mobile in it*, then you can follow this guide!



## TH Glance features

---

Here I will list out the main features of the TH Glance service which then will help you to decide if it's worth having.

### | Main features

- Two Glance time-out settings (*30 Seconds & 15 Minutes*) along with Always-ON Glance setting.
- Glance background image in either B/W (*Black & White*) or in Color.
- Customization of Glance display (*Time, Date, Quick / Detailed Notifications*)
- Glance Charging mode (*Always-ON / Never display during charging setting*)
- Night mode (*Three color modes plus never display Glance in night mode setting*)
- System indicators (*Alarms, Battery saver, Vibration / Silent*)
- Floating / Moving Glance display (*OPTIONAL*)
- More extended features with manual customization (*Glance font, color, etc...*)

### | What is missing in TH Glance compared to RS Glance?

- ✕ 5 Minute Glance time-out setting.







## Preparations

Download **Storage Explorer** & install it to your device.

(Refer to our guides if you are not familiar with Installing XAP packages)



W.U.T



MEGA



Storage\_Explorer  
1.29 MB

Download **Glance screen system app** & install it to your device.

(It will not work till you do all the steps in this guide about enabling TH Glance)



W.U.T



MEGA



NokiaCorporation.glancescreen\_4.1.151.0\_arm  
2.46 MB

Download **Interop Tools** & install in your Lumia.



GITHUB



W.U.T



MEGA



Download **TH Glance system files** & Extract them.

> Move them all to the **Downloads** folder of your device.



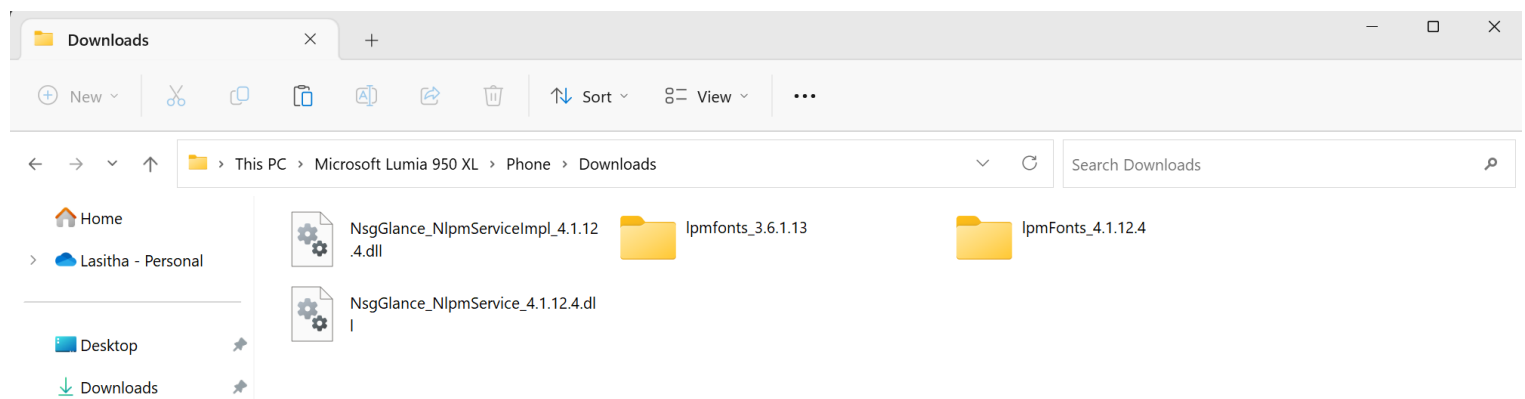
W.U.T



MEGA



TH\_Glance  
300.27 KB





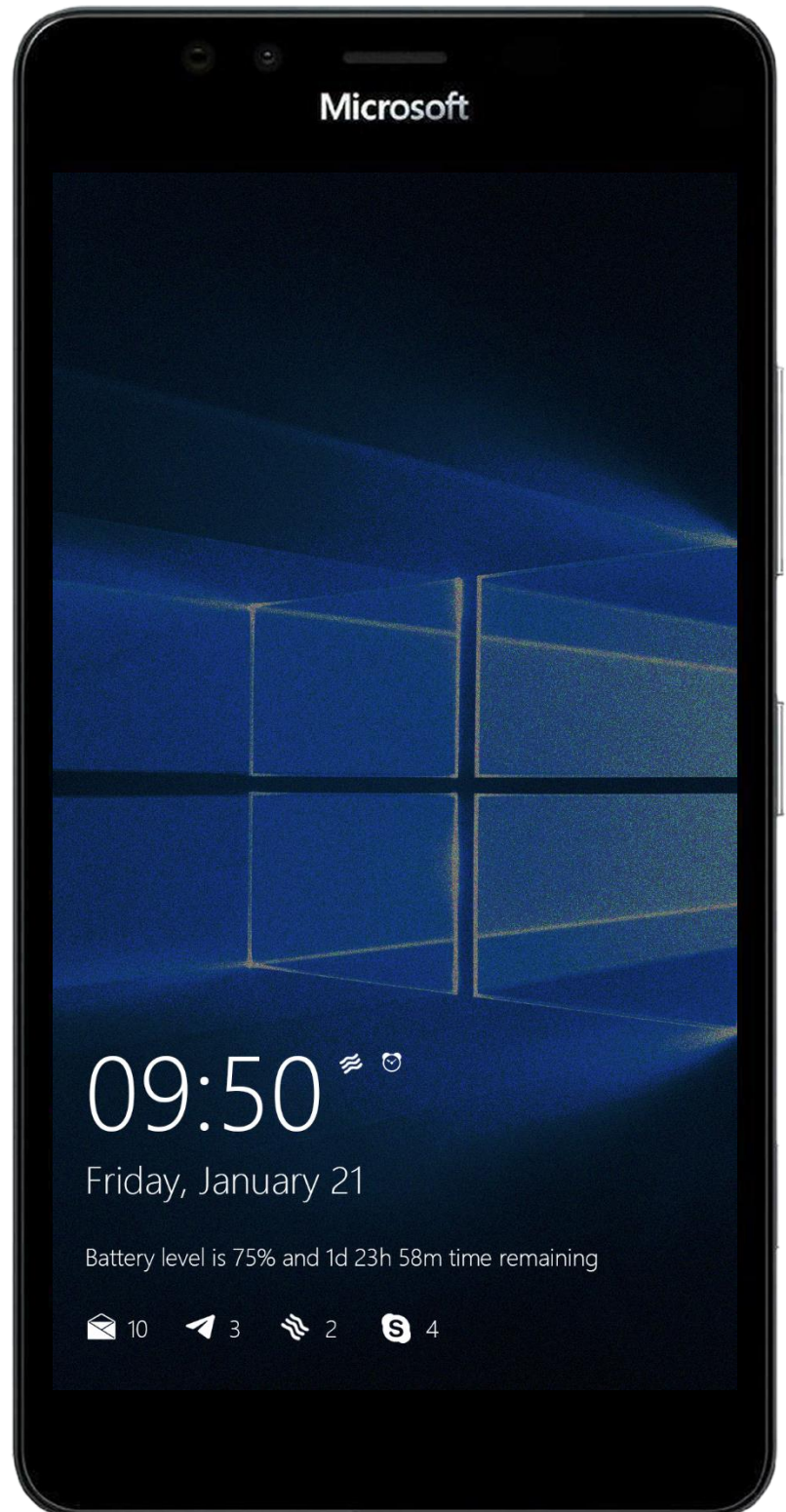


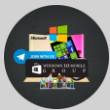
## How to Install & Enable TH Glance feature

---

For easier explaining, I will divide the complete procedure into three main parts.

- [Install TH Glance feature](#)
- [Enable TH Glance feature](#)
- [#FINISHING UP: Disable RS Glance](#)



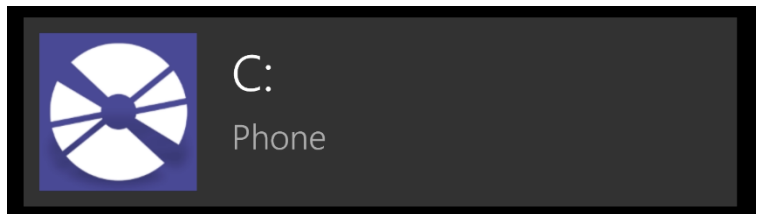


## Install TH Glance feature

> Open Storage Explorer app in your Windows 10 Mobile device (Which we downloaded [above](#))



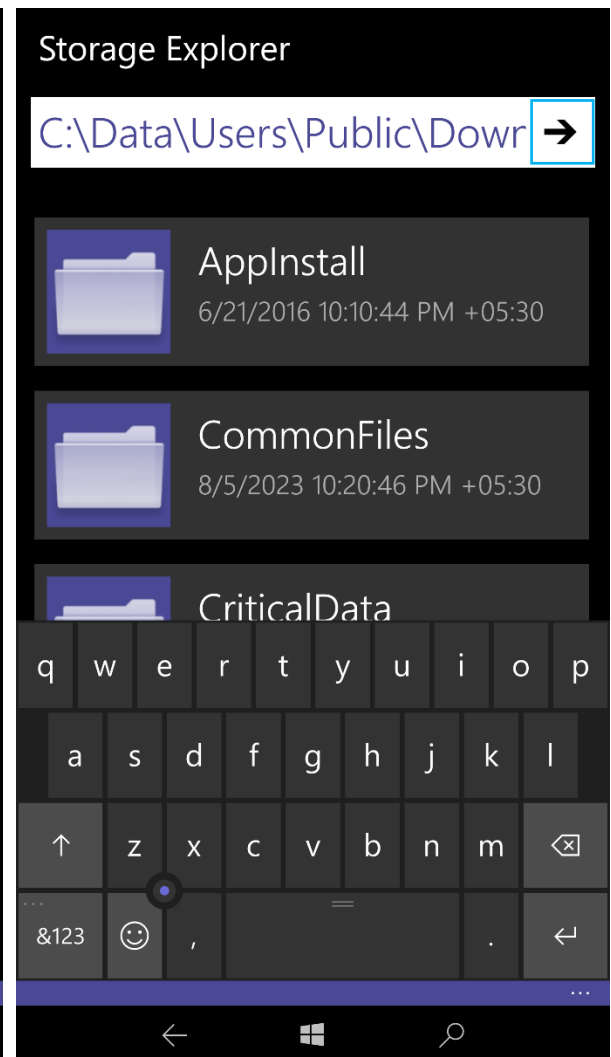
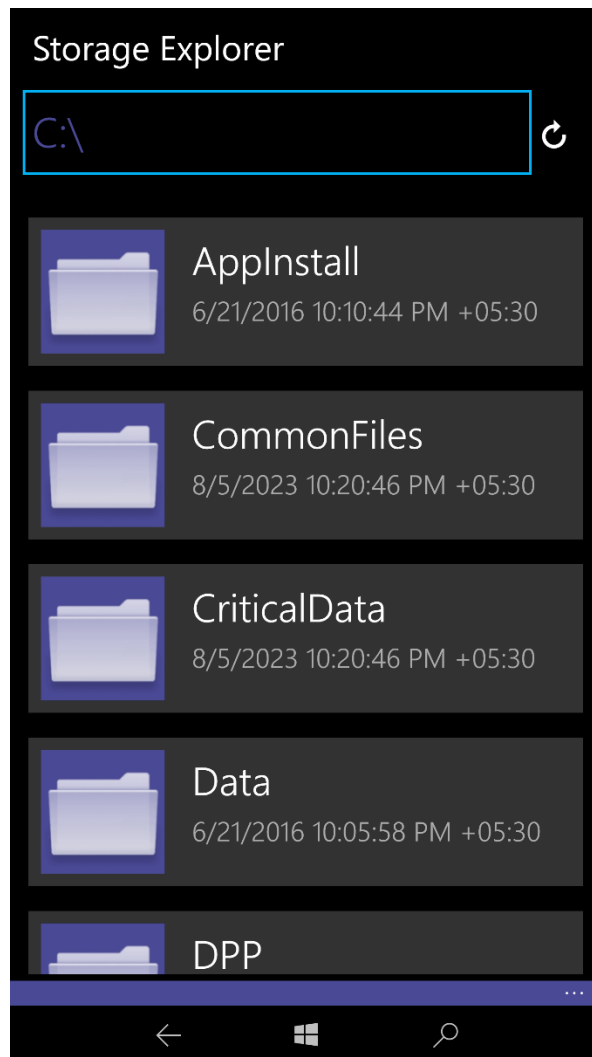
> Click on **C:** phone storage.



> Now, click on the address bar at the top and copy paste the below address into the field.

**C:\Data\Users\Public\Downloads\**

Click **arrow** icon to proceed.

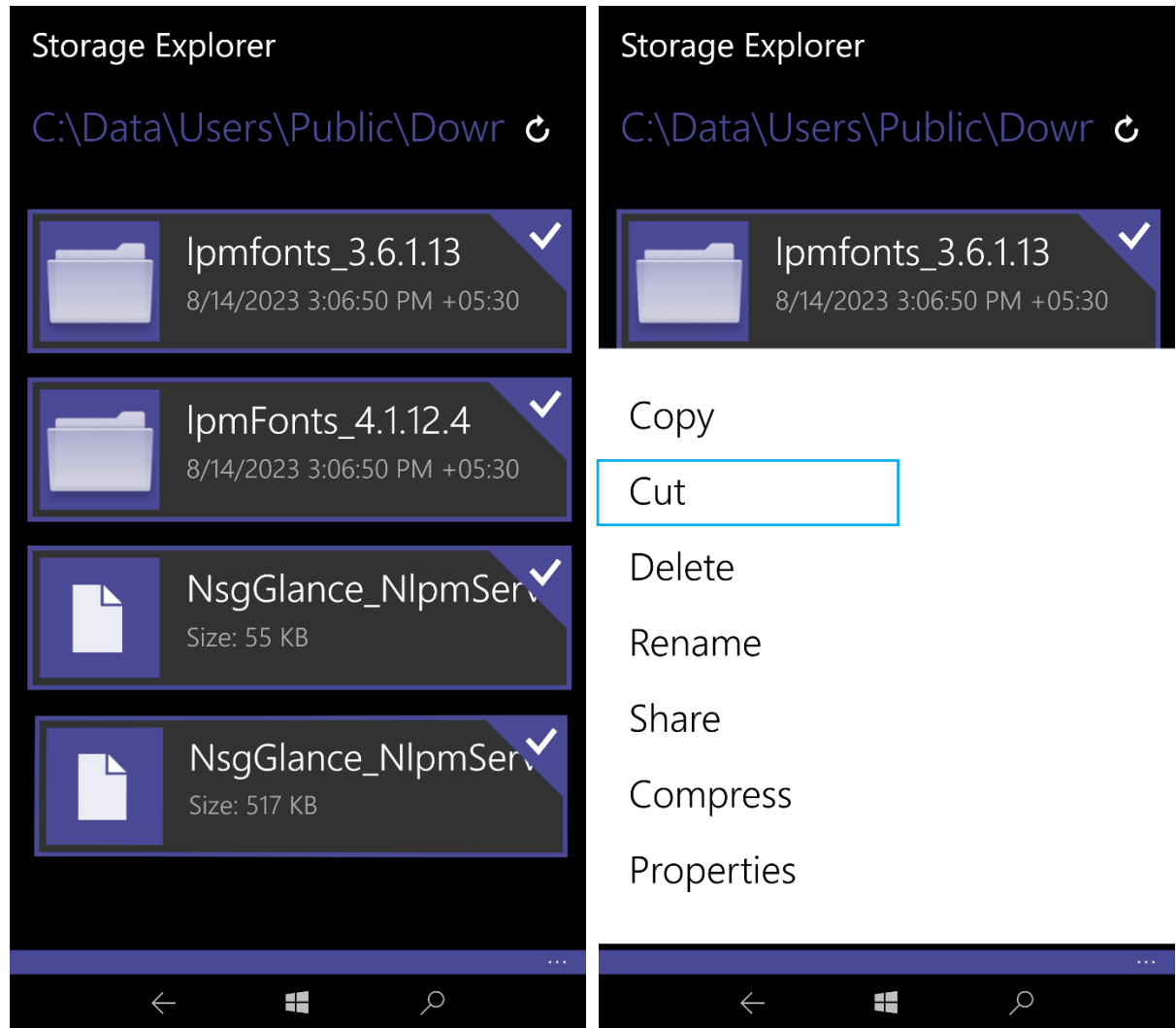




> Now click and hold on any file to trigger *Multi Select*.

Select **lpmfonts\_3.6.1.13**, **lpmfonts\_4.1.12.4** & two **NsgGlance DLL** files.

> Once selected, press & hold any of the files again and from the context menu, click **Cut**.

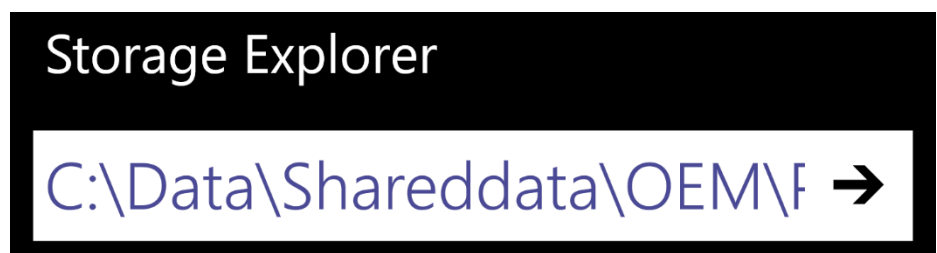


> Then, cnce again click on the address bar and now copy and paste the below address to the bar.

**C:\Data\Shareddata\OEM\Public**

*(Delete / replace the current address)*

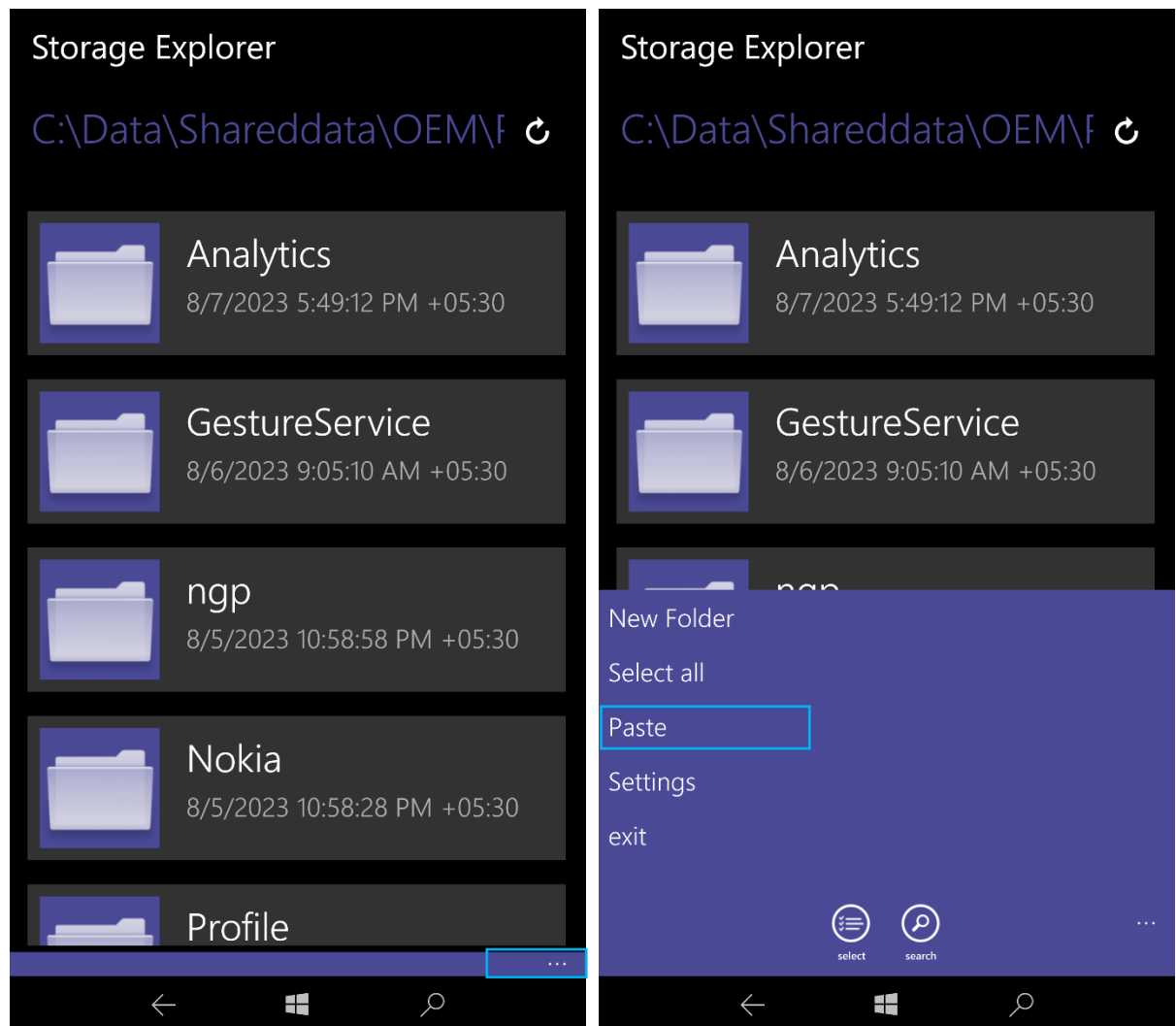
Click on the **arrow icon** as before to navigate to the new path.





> Once you are in the new address, click the **three dots in the bottom bar** of the application.

From the expanded menu, click **Paste**.



> Once the files are copied, then all the files needed to enable TH Glance is placed in your system.

Proceed to the next topic to **Enable TH Glance in your system!**

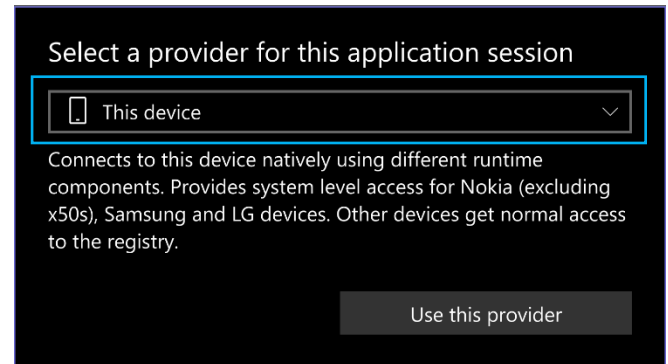


## Enable TH Glance

If you did all the steps in [Installing TH Glance](#), then you can now follow these steps to enable the feature.

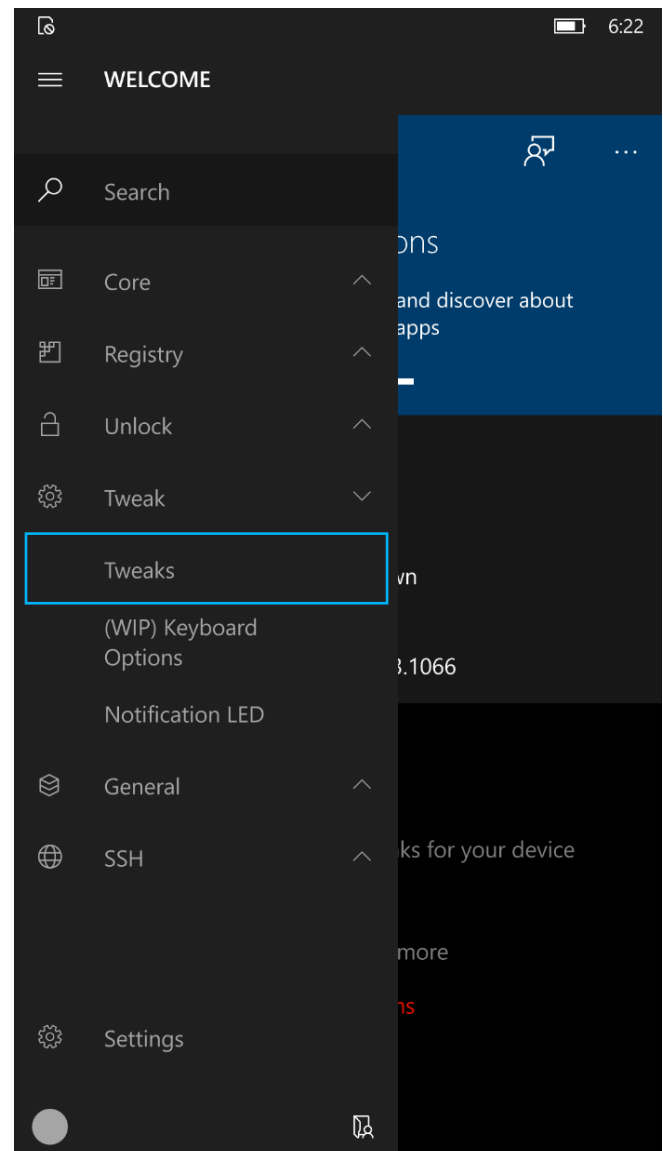
> Open **Interop Tools**.

Choose “**This Device**” as the registry provider.



> Open hamburger menu & expand **Tweak** section.

Click on the **Tweaks** entry.





> Find and enable the toggle for the **Enable Old Glance Screen (RS1)** tweak.

Enable Old Glance Screen (RS1) (Glance enabled devices only) (Reboot required)

Allows you to re-enable the old glance screen with the widget and battery icon support

☒ On

**Restart your device afterwards!**

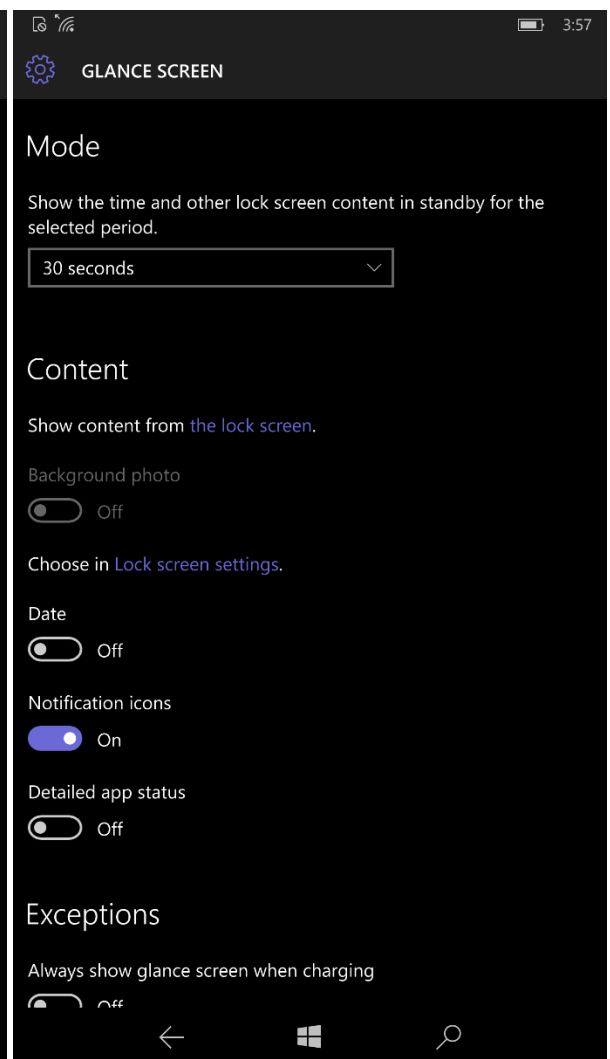
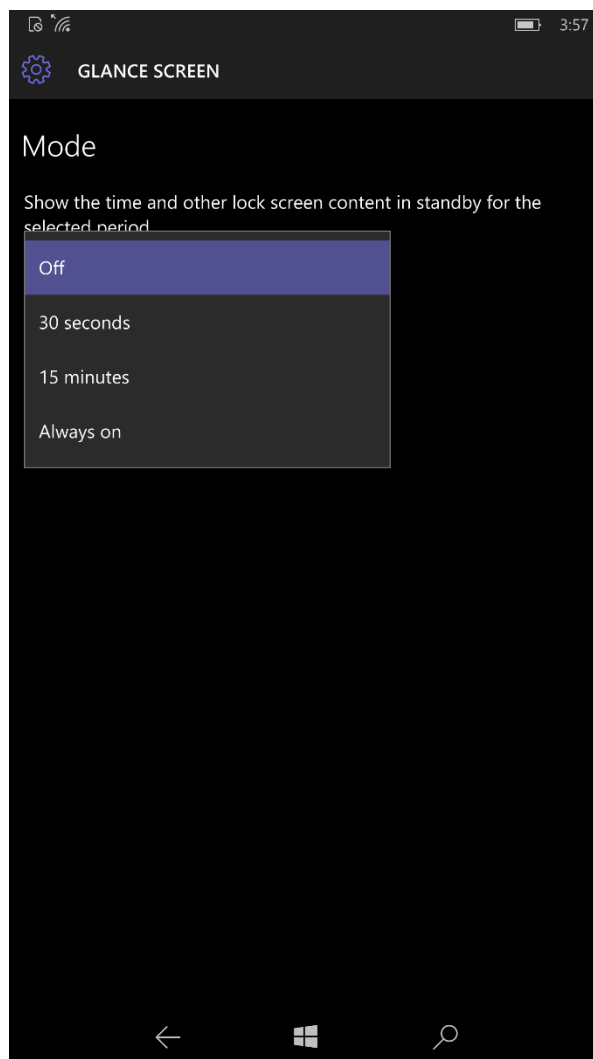
> Once the device boots back, go to “**Settings → Extras**”

There, click **Glance screen**.

(It will not be there if you didn't installed [as per instructions in preprations](#))

Choose the Mode you want & **enjoy TH Glance!**

(Continue on if you wish to customize the TH Glance)





## #FINISHING UP: Disable RS Glance

Now that we have enabled TH Glance in your Windows 10 Mobile device, we can now **safely disable the new RS Glance service** to avoid having two Glance services running simultaneously which can cause issues.

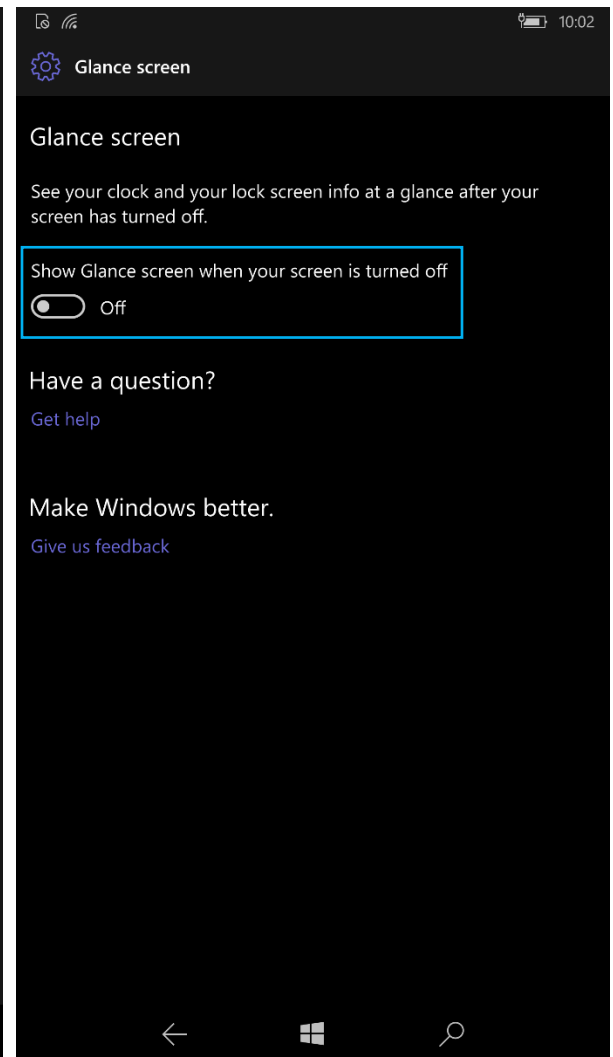
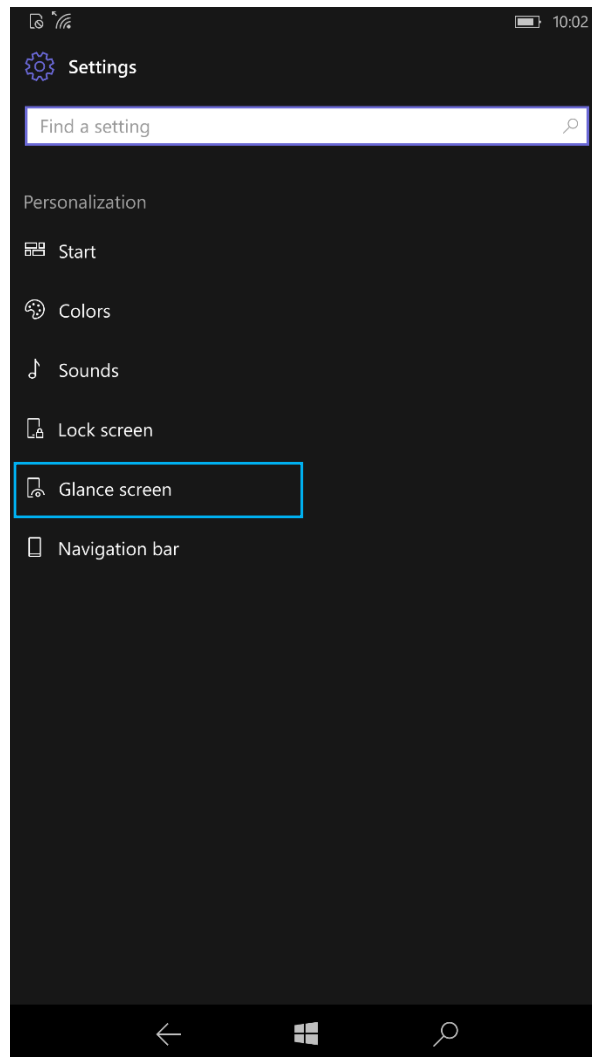
**TIP:** RS Glance is only available for the devices which are officially upgraded to Windows 10 Mobile and also in devices which shipped with Windows 10 Mobile Out-Of-Box.

> In your Windows 10 Mobile device, go to;

**Settings → Personalization → Glance screen**

> Toggle **OFF** the Glance screen there.

(**TIP:** If you ever want to disable TH Glance and go back to RS Glace, you can always do that by simply deactivating TH Glance and then activating RS Glance back from here)





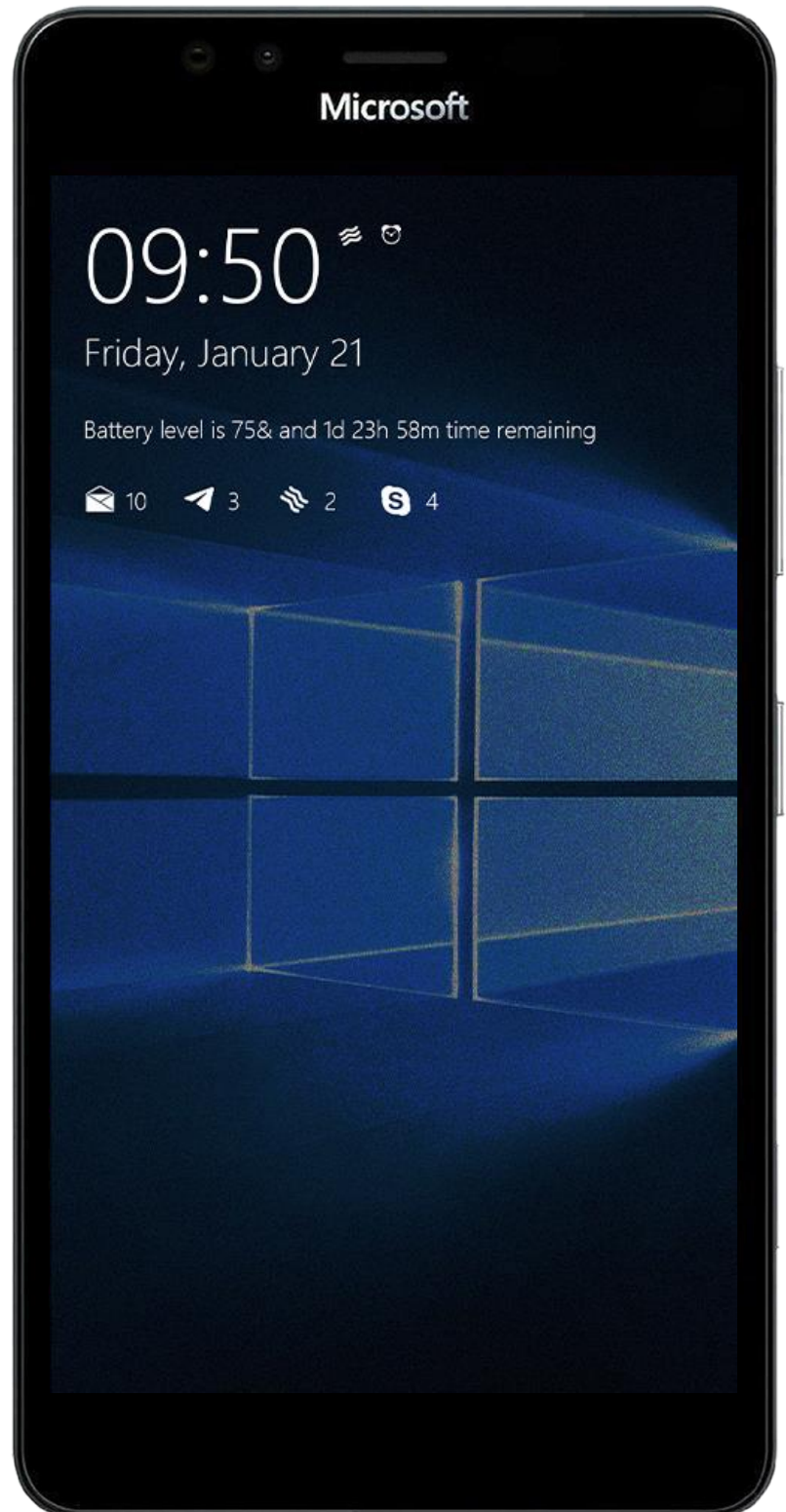


## How to customize TH Glance feature

---

You can customize several aspects of the TH Glance feature.

01. [Customize default TH Glance settings.](#)
02. [Enabling Floating / Moving clock.](#)
03. [Configuring default Glance font.](#)
04. [Setting Windows Phone 8.1 Glance font as default font.](#)
05. [Changing Glance Color.](#)
06. [Changing Glance Night Mode color.](#)





## 01. Customize default TH Glance settings

Unlike RS Glance, the TH Glance settings application offers a wide-variety of customization options for changing Glance display & behaviour.

> Go to “**Settings** → **Extras**”

There, click **Glance screen**.

You will have a wide array of options, here you can;

- Change Glance mode between “30 Seconds”, “15 Minutes” & “Always ON”
- Turn ON/OFF Background Photo (Hardware dependent)
- Change Background Photo Display Mode (Device Model Dependent)
- Turn ON/OFF Date display.
- Turn ON/OFF Quick notification icon display.
- Turn ON/OFF Detailed App status display.
- Turn ON/OFF Always ON while Charging.
- Turn ON/OFF Night mode.
- Set Night mode duration.
- Set Night mode custom colors OR Hide Glance during Night mode.

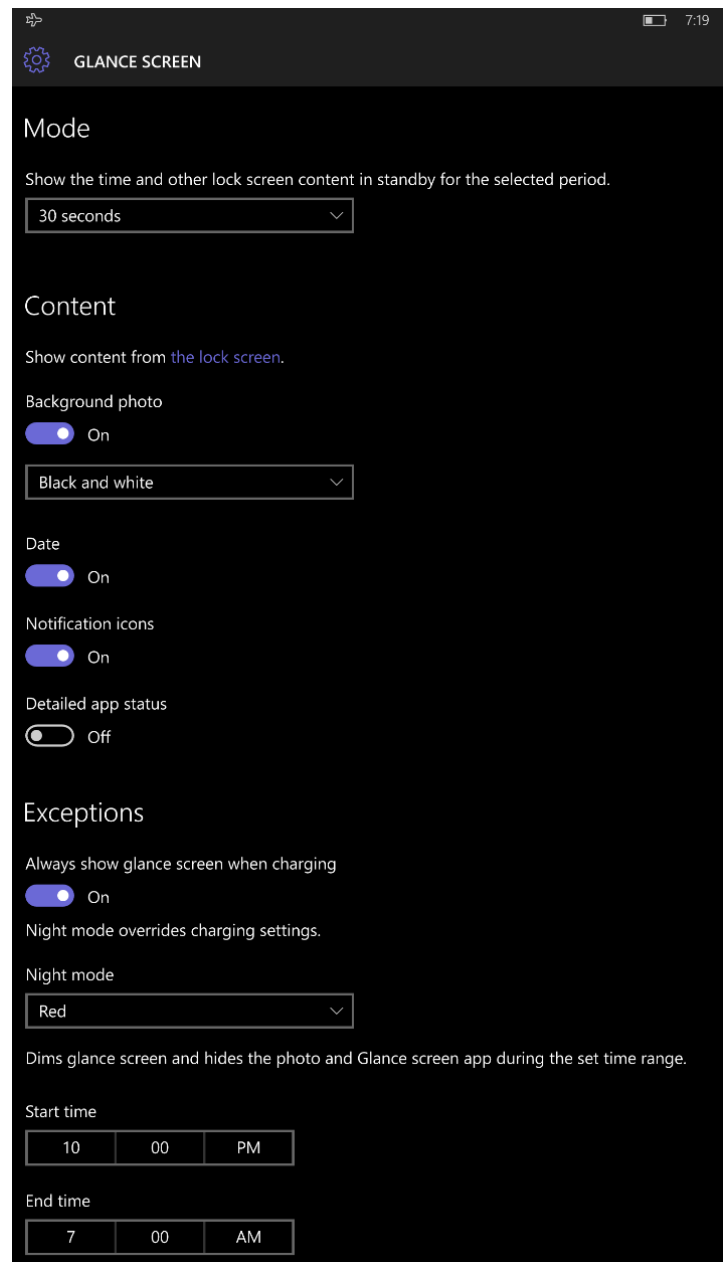
*Background photo option & Detailed app status option is missing?*

This features are hardware dependent so if it’s not present at all, then it’s not supported in your device.

*Background photo option is greyed out?*

Make sure the Lockscreen background provider is not BING or not any other scheduled provider.

**TIP:** If you are setting a still image as the lock screen background, make sure to do it via Lock screen settings.





## 02. Enabling Floating / Moving clock

TH Glance has an optional feature which will help reduce screen burn-in by setting the Glance display to move upwards for every minute.

**TIP:** This feature is practically useful mostly for those who heavily use the Glance feature by setting it to display for a longer time.

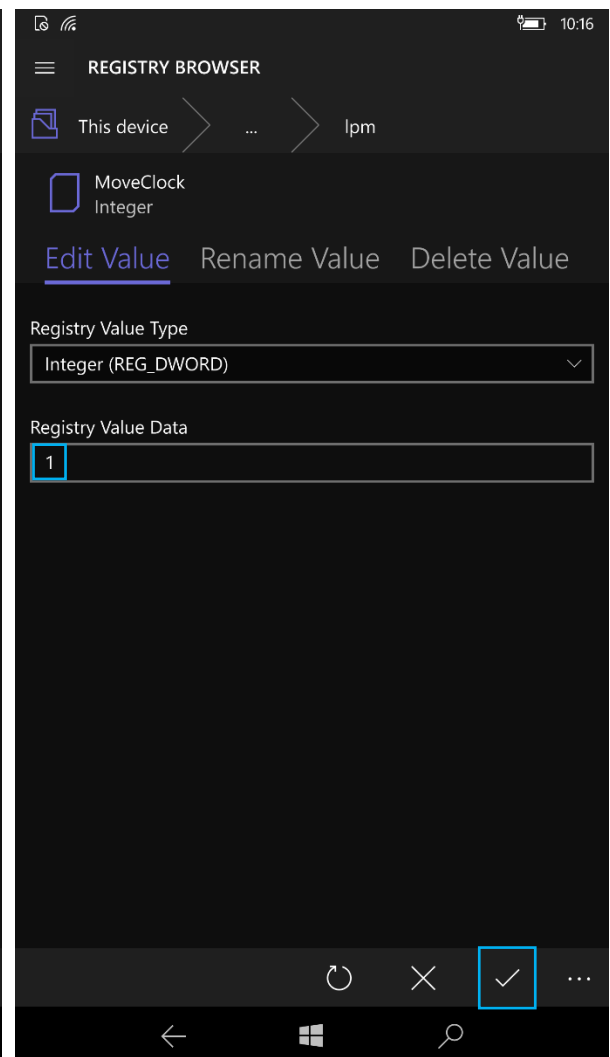
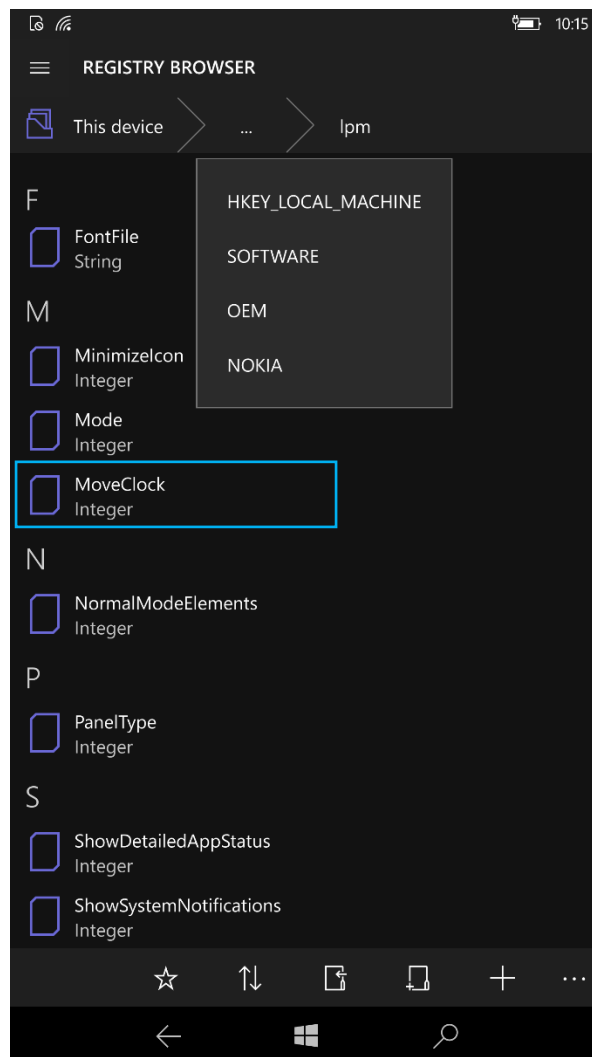
> Open Interop tools & go to **Registry browser** section.

(Side menu → Registry → Registry browser)

> Navigate to the below path;

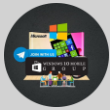
**HKEY LOCAL MACHINE\SOFTWARE\OEM\NOKIA\lpm**

> Find the **MoveClock** Integer and click on it, there change it's value to **1** & save it.



> **Restart your Windows phone** for the changes to take effect.

Once the device boots back, the Glance display will move up per every minute as long as the Glance stays on!



## | Alternate method

### Enable Moving clock REG



W.U.T



MEGA



Enable Moving (Floating) clock  
2 files

### *What is this?*

This REG file will automate the above explained registry edits in one click if you are unsure you are upto editing registry yourself.

### *How to use?*

> Open Interop tools & use **Import Registry File** option.

*(Side menu → Registry → Import Registry File)*

> Select the REG file & import it.

Restart your device!



### 03. Configuring default Glance Font

**Glance font files are based on screen resolutions**, so different font files will display different font sizes in a device.

**TIP:** You can swicth between others to experience different font sizes practically.

First of all, we need to know which resolution your device has, for that;

> Go to **Settings → System → About** & click **More Info**.

> Checkout the value of **Screen resolution**.

Chip SOC version: 8994

Screen resolution: 1440x2560

MAC address: 60-7E-DD-6A-07-78

Now that we know your device resolution, we need to set the font file machting the device resolution;

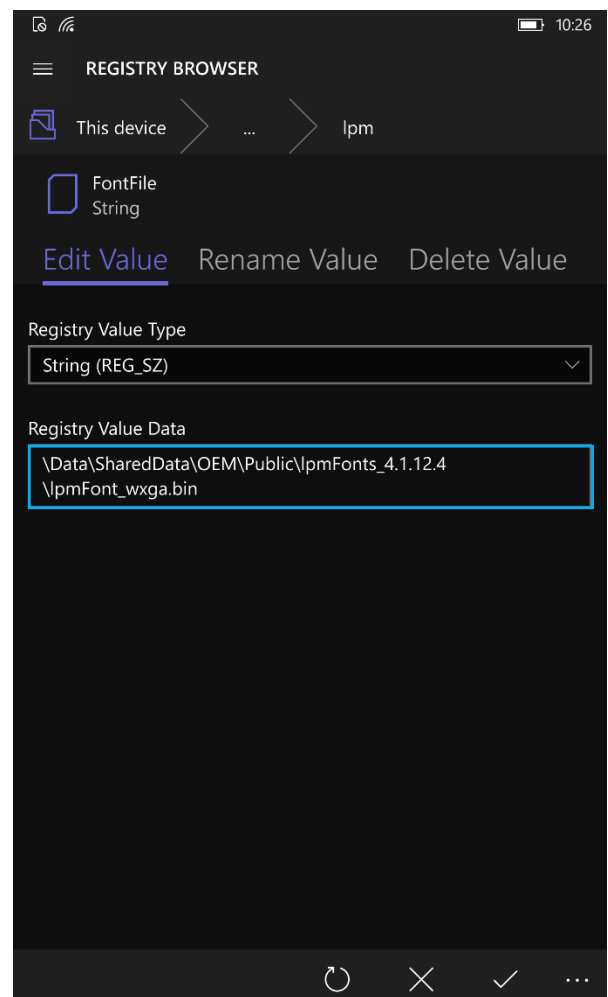
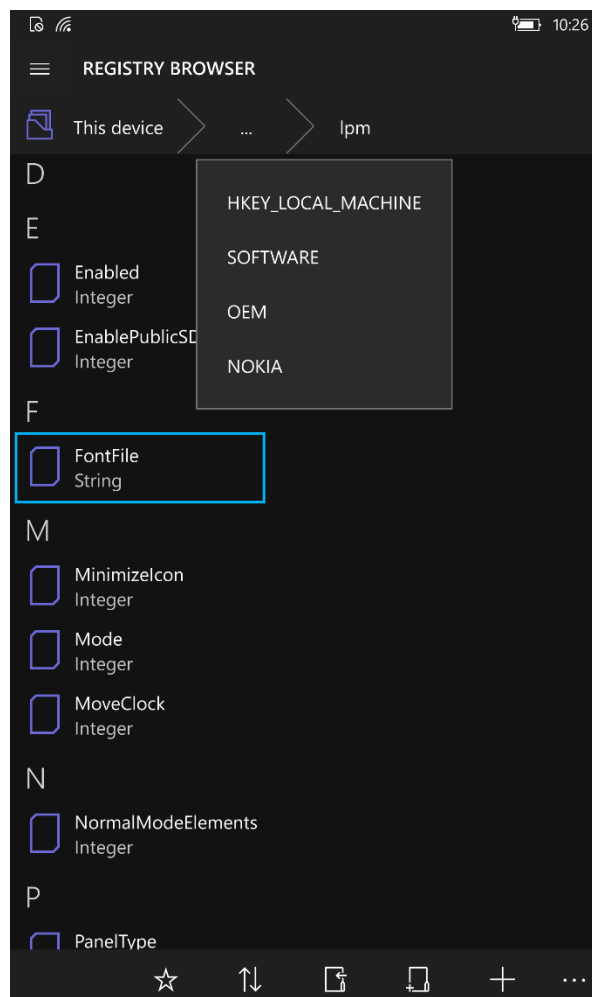
> Open Interop tools & go to **Registry browser** section.

(Side menu → Registry → Registry browser)

> Navigate to the below path;

**HKEY LOCAL MACHINE\SOFTWARE\OEM\NOKIA\lpm**

> Find the **FontFile** string, click on it & read the **next step to change the value**.





Set the value to the one matching your device resolution;

*If your Device resolution is;*

**1. 480 x XXX**

`\Data\SharedData\OEM\Public\lpmFonts_4.1.12.4\lpmFont_WVGA.bin`

**2. 720 x XXXX**

`\Data\SharedData\OEM\Public\lpmFonts_4.1.12.4\lpmFont_720P.bin`

OR

`\Data\SharedData\OEM\Public\lpmFonts_4.1.12.4\lpmFont_720P_hi.bin`

**3. 768 x XXXX**

`\Data\SharedData\OEM\Public\lpmFonts_4.1.12.4\lpmFont_WXGA.bin`

**4. 1080 x XXXX**

`\Data\SharedData\OEM\Public\lpmFonts_4.1.12.4\lpmFont_FHD.bin`

**5. 1440 x XXXX**

`\Data\SharedData\OEM\Public\lpmFonts_4.1.12.4\lpmFont_WQHD.bin`

OR

`\Data\SharedData\OEM\Public\lpmFonts_4.1.12.4\lpmFont_WQHD_hi.bin`

---

Lastly, if you want the font to be the biggest among all, then type the below value;

`\Windows\System32\`

### HINTS!

- 🕒 You can set **any resolution font file as long as the font file is of a lower resolution than your device resolution.**  
That way, you *can have different font sizes* as lower resolution font files in higher resolution devices will result in smaller font sizes.
- 🕒 “*lpmFont\_720P\_hi.bin*” & “*lpmFont\_WQHD\_hi.bin*” are different from their **non hi bin files by only the text size** (*hi signifies High means bigger text than the normal bin*)
- 🕒 Just **copy & paste** the value you want from here to the value input field if you find it difficult to type the value letter by letter ;)

> Once you input the value, **save it** and the font file will immediately apply, no need to restart the device!



## | Alternate method

### Glance default font REGs



W.U.T



MEGA



Glance default Font enabling REGs

9 files

### *What are these?*

These REG files will automate the process of setting each Fonts of different resolutions in your device.

### *How to use?*

> Open Interop tools & use **Import Registry File** option.

(Side menu → Registry → Import Registry File)

> Select the REG of the Font file you need & import it.

([Look in the previous page for detailed info of what each REG file's name means](#))

That is all!





## 04. Setting Windows Phone 8.1 Glance font as default font

You can also set the Glance Font used in Windows Phone 8.1 Glance service to TH Glance as well, this is completely **OPTIONAL**.

**TIP:** Windows Phone 8.1 Glance font is less round so it will not 100% fit to the TH Glance layout with less spacing.

First of all, we need to know which resolution your device has, for that;

> Go to **Settings → System → About** & click **More Info**.

> Checkout the value of **Screen resolution**.

Chip SOC version: 8994

Screen resolution: 1440x2560

MAC address: 60-7E-DD-6A-07-78

Now that we know your device resolution, we need to set the font file matching the device resolution;

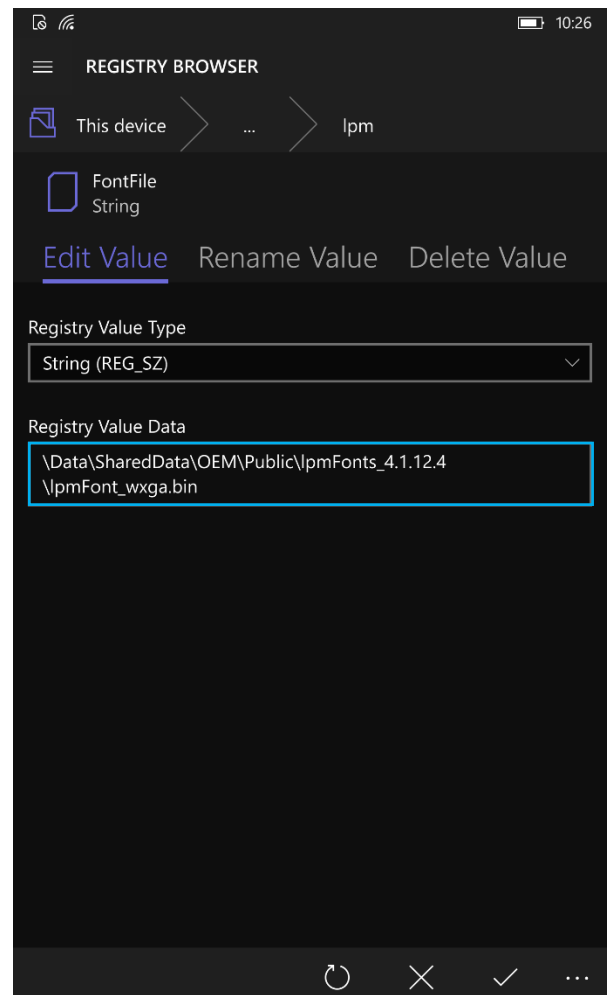
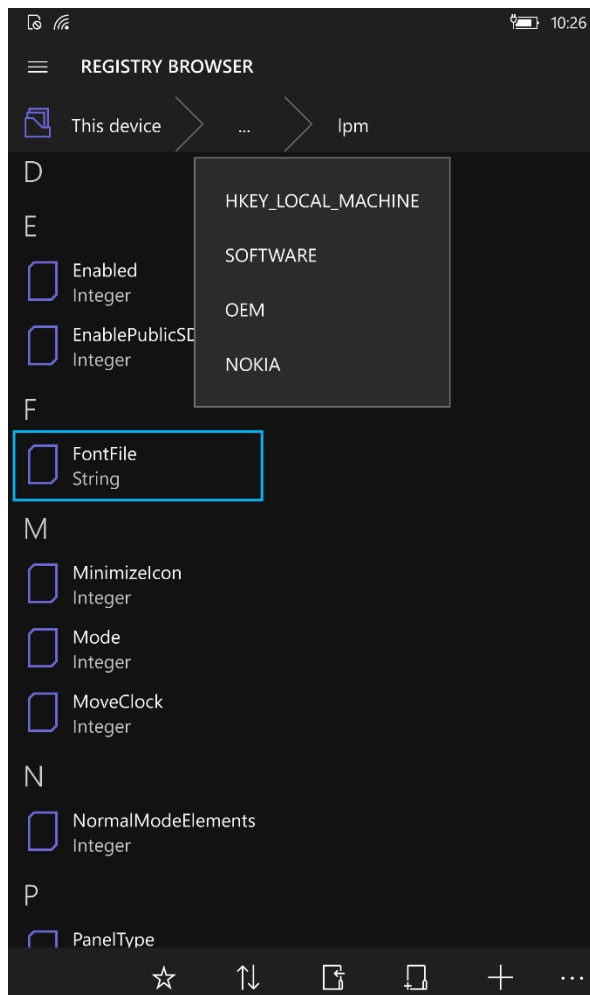
> Open Interop tools & go to **Registry browser** section.

(Side menu → Registry → Registry browser)

> Navigate to the below path;

**HKEY LOCAL MACHINE\SOFTWARE\OEM\NOKIA\lpm**

> Find the **FontFile** string, click on it & read the **next step to set the value**.





Set the value to the one matching your device resolution;

*If your Device resolution is;*

**1. 480 x XXX**

`\Data\SharedData\OEM\Public\lpmFonts_3.6.1.13\lpmFont_WVGA.bin`

**2. 720 x XXXX**

`\Data\SharedData\OEM\Public\lpmFonts_3.6.1.13\lpmFont_720P.bin`

OR

`\Data\SharedData\OEM\Public\lpmFonts_3.6.1.13\lpmFont_720P_hi.bin`

**3. 768 x XXXX**

`\Data\SharedData\OEM\Public\lpmFonts_3.6.1.13\lpmFont_WXGA.bin`

**4. 1080 x XXXX**

`\Data\SharedData\OEM\Public\lpmFonts_3.6.1.13\lpmFont_FHD.bin`

OR

`\Data\SharedData\OEM\Public\lpmFonts_3.6.1.13\lpmFont_FHD_hi.bin`

**HINTS!**

- 🕒 You can set **any resolution font file as long as the font file is of a lower resolution than your device resolution**.  
That way, you *can have different font sizes* as lower resolution font files in higher resolution devices will result in smaller font sizes.
- 🕒 "`lpmFont_720P_hi.bin`" & "`lpmFont_WQHD_hi.bin`" are different from their **non hi bin files by only the text size** (*hi signifies High means bigger text than the normal bin*)
- 🕒 There are **no font files for 1440 x XXXX devices** due to in Windows Phone 8.1 era, there was never QHD devices.
- 🕒 Windows Phone 8.1 Glance font does not look good for *Quick access notification icons & Detailed app status*, so you may turn them OFF in default Glance settings in Glance screen application.
- 🕒 Just **copy & paste** the value you want from here to the value input field if you find it difficult to type the value letter by letter ;)

> Once you input the value, **save it** and the font file will immediately apply, no need to restart the device!



## | Alternate method

### Glance WP8.1 font REGs



W.U.T



MEGA



Glance WP8.1 Font enabling REGs

7 files

### *What are these?*

These REG files will automate the process of setting each WP8.1 Fonts of different resolutions in your device.

### *How to use?*

> Open Interop tools & use **Import Registry File** option.

(Side menu → Registry → Import Registry File)

> Select the REG of the WP8.1 Font file you need & import it.

([Look in the previous page for detailed info of what each REG file's name means](#))

That is all!



## 05. Changing Glance color

The Glance color by default is white and that's the only color you can have unlike Night Mode.

But, with this customization, **you can have upto 6 different Glance (7 Colors including White) colors!**

> Open Interop tools & go to **Registry browser** section.

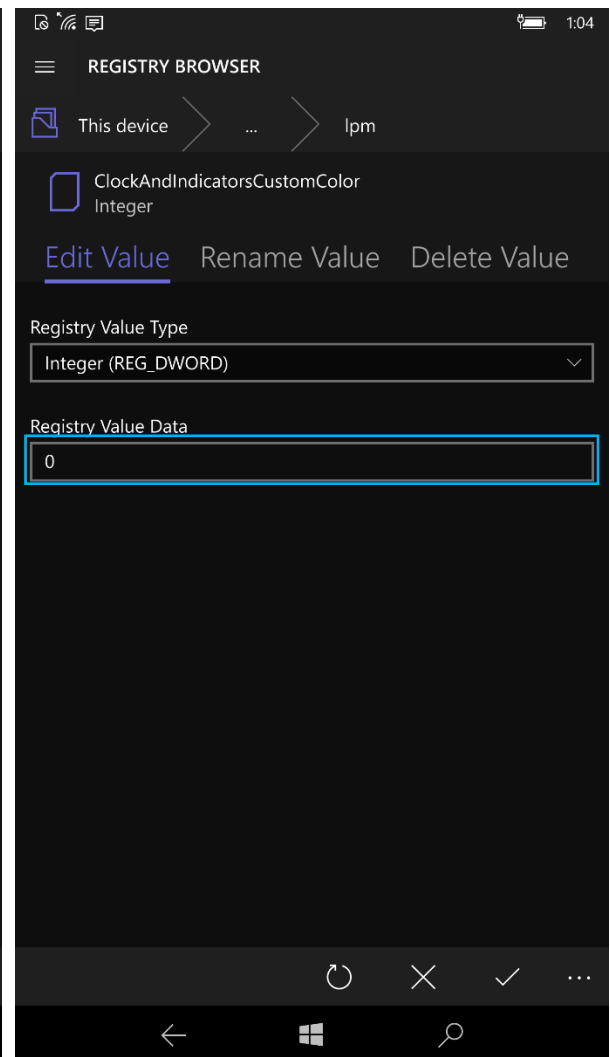
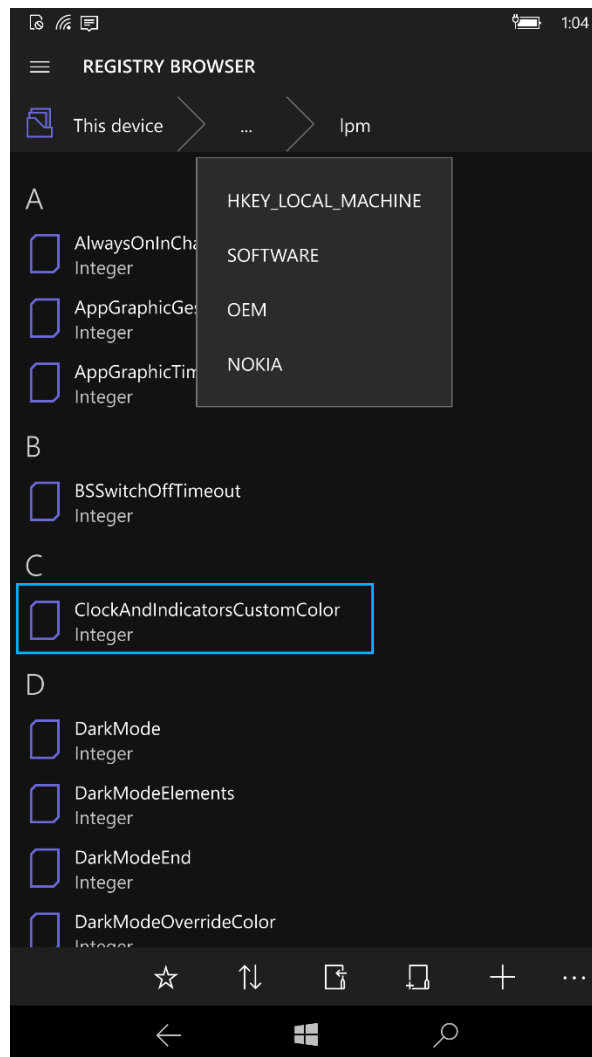
(Side menu → Registry → Registry browser)

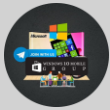
> Navigate to the below path;

**HKEY LOCAL MACHINE\SOFTWARE\OEM\NOKIA\lpm**

> Find the “**ClockAndIndicatorCustomColor**” Integer and open it.

**Proceed to the next step to get the values to change.**





> Now set any one of the below color value you want to the *Registry Value Data input box*.

Glance Colors	Value
White ( <b>DEFAULT</b> )	0
Blue	255
Cyan	65535
Green	65280
Magenta (Dark Purple)	16711935
Red	16711680
Yellow	16776960

Once you **saved** the value after changing, it will be applied at once (*No need to restart the device*)

Enjoy the custom Glance color!

## | Alternate method

### PRE-MADE TH Glance Color REG files



W.U.T



MEGA



Glance Normal Mode Custom Colors  
7 files

### What are these?

There are 6 REG files of each Colors, these REG files contains the registry edits needed which are explained above to set each color.

### How to use?

> Open Interop tools & use **Import Registry File** option.

(*Side menu → Registry → Import Registry File*)

> Just choose & import the REG file of the color you want.

And that is all!



## 06. Changing Glance Night Mode color

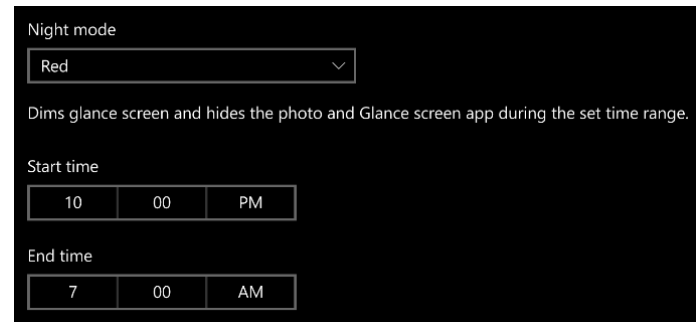
Just like we can change Glance normal color as explained above, we can also change Night Mode color as well.

BUT, first to be clear, this is Night Mode we are referring to;

So, these changes will only be visible during Night mode active period.

Check your Night mode settings in Glance screen settings.

**TIP:** If you choose Hide Glance screen as the Night Mode, then there will be no Night Mode.



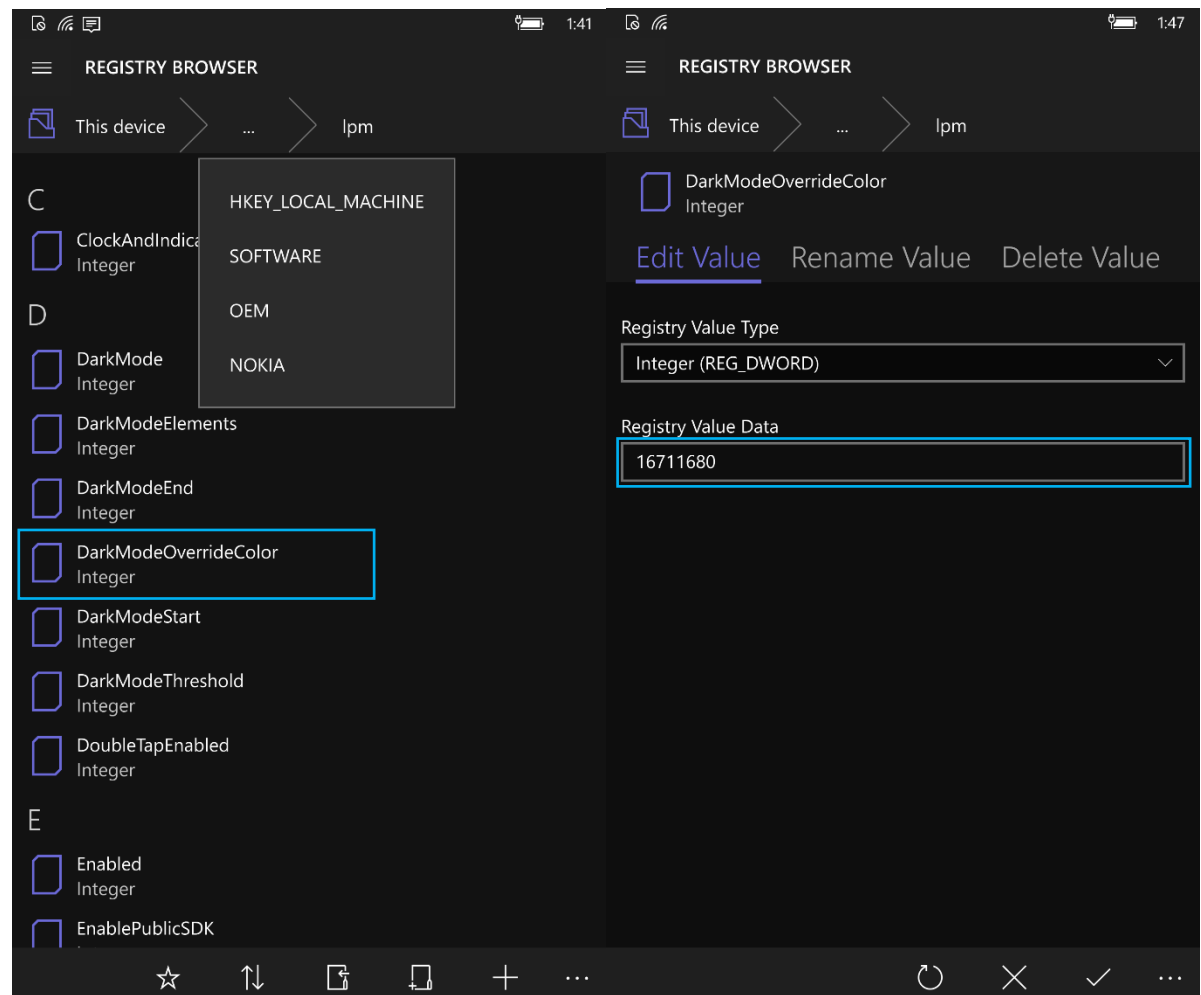
> Open Interop tools & go to **Registry browser** section.

(Side menu → Registry → Registry browser)

> Navigate to the below path;

**HKEY LOCAL MACHINE\SOFTWARE\OEM\NOKIA\lpm**

> Find the “**DarkModeOverrideColor**” integer, click on it & look in the next step to get the color value to change.





> Now set any one of the below color value you want to the *Registry Value Data input box*.

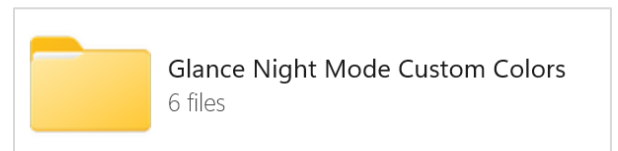
Glance Colors	Value
Blue	255
Cyan	65535
Green	65280
Magenta (Dark Purple)	16711935
Red	16711680
Yellow	16776960

Once you **saved** the value after changing, it will be applied at once (*No need to restart the device*)

Enjoy the custom Night Mode Glance color!

### | Alternate method

#### PRE-MADE TH Glance Night Mode Color REG files



#### *What are these?*

There are 6 REG files of each Colors, these REG files contains the registry edits needed which are explained above to set each color.

#### *How to use?*

> Open Interop tools & use **Import Registry File** option.

(*Side menu → Registry → Import Registry File*)

> Just choose & import the REG file of the color you want.

And that is all!





## Frequently Asked Questions (FAQ)

---

Q. Will this guide enable Glance screen in any Windows 10 Mobile device?

A. **NO**, the **device hardware must have support for the Glance service**, if not, it's not *doable*.

The [complete supported list can be found above](#).

Q. **Glance screen settings app** in *Settings* → *Extras* is **crashing upon launch**, what is the issue?

A. Then the **Glance system files aren't in place**, redo the [complete TH Glance install & enabling steps](#).

Q. **Background photo** option in Glance screen settings is **greyed out**, it says to "*Choose in Lock screen settings*", why is this?

A. TH Glance **does not support scheduled lock screen providers** like *BING* or any third party providers of that kind.

You need to select a single Lock screen wallpaper in "**Settings** → **Personalization** → **Lock screen**", otherwise it won't work.

### Content

Show content from [the lock screen](#).

Background photo

☐ Off

Choose in [Lock screen settings](#).

Q. There is no **Background photo** & **Detailed app status** options in Glance screen settings app in *Settings* → *Extras*, what cause this?

A. These two features require more display memory to function which some LUMIA models doesn't have (*Lumia 640/XL, 650, etc...*), which is why they are not present in some devices, in this case, **there is nothing else to do**.



## Credits

---

- ✓ Microsoft for TH Glance feature.
- ✓ Creator of Storage explorer.
- ✓ Fadil Fadz & Arb for personal assistance.

That is all for this guide!

# THANK YOU!!

*Lasitha Samarasinghe*

